

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

Page 1 of 1

PATENT NO. : 7,927,043
APPLICATION NO. : 10/579,318
ISSUE DATE : April 19, 2011
INVENTORS : Tatsurou Iwasaki et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claim 5, col. 8, line 8, "as claimed claim 4" should read – as claimed in claim 1 –

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Proof of Error

Application No. 10/579,318
Paper Dated: December 15, 2010
In Reply to USPTO Correspondence of July 15, 2010
Attorney Docket No. 2950-061389

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/579,318 Confirmation No. 1885
Applicants : TATSUROU IWASAKI et al.
Filed : July 29, 2004
Title : ROCKBOLTS MADE OF STEEL PIPES
Group Art Unit : 3672
Examiner : Sunil Singh
Customer No. : 28289

Mail Stop RCE
Commissioner for Patents
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Alexandria, VA 22313-1450

AMENDMENT ACCOMPANYING AN RCE

Sir:

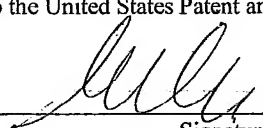
In response to the Office Action dated July 15, 2010, Applicants submit the following amendments and remarks, a two-month Petition for Extension of Time, and a Request for Continued Examination (RCE).

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 4 of this paper.

I hereby certify that this correspondence is being electronically submitted to the United States Patent and Trademark Office on the below date.

12/15/2010
Date


Signature

Melissa Mazurak

Typed Name of Person Signing Certificate

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Currently Amended) A steel pipe rockbolt, comprising a rockbolt main body and a pressurized-fluid-introducing sleeve fixed by welding to the rockbolt main body at an end for introduction of a pressurized fluid, wherein the rockbolt main body is a deformed pipe having an expansive groove extending along an axial direction of the deformed pipe, and wherein the rockbolt main body is configured to hydraulically expand upon the introduction of the pressurized fluid,

the pressurized-fluid-introducing sleeve comprising a projecting part with an outer diameter larger than a diameter of an aperture of a bearing plate and a pressurized-fluid-introducing hole, and a bearing-plate-holding part with an outer diameter smaller than the diameter of the aperture of the bearing plate, the projecting part and the bearing-plate-holding part defining a passageway, a portion of the expansive groove of the rockbolt main body being positioned within the passageway,

whereby the bearing plate is held in contact with a step between the projecting part and the bearing-plate-holding part, the projecting part and the bearing-plate-holding part having a single, one-piece unitary construction, the projecting part being fixed relative to the bearing-plate-holding part,

whereby the bearing plate locates on an edge of a rockbolt-setting hole drilled in a bedrock or ground, and the bearing-plate-holding part extends through the aperture of the bearing plate into the rockbolt-setting hole,

the projecting part and the bearing-plate-holding part being substantially rigid, the rockbolt main body configured to hydraulically expand relative to the projecting part and the bearing-plate-holding part to secure the rockbolt main body within the rockbolt-setting hole.

2. (Previously Presented) The steel pipe rockbolt as claimed in Claim 1, wherein the projecting part has a groove formed on its outer surface along a circumferential direction.

3. (Previously Presented) The steel pipe rockbolt as claimed in Claim 1, wherein the rockbolt main body is formed from a steel pipe coated with a Zn, Zn-Al or Zn-Al-Mg plating layer.

4. (Previously Presented) The steel pipe rockbolt as claimed in Claim 1, wherein the rockbolt main body has a continuous outer surface defining a hollow cavity that is adapted to hydraulically expand upon the introduction of the pressurized fluid.

5. (Cancelled)

5. 6. (Currently Amended) The steel pipe rockbolt as claimed in ~~Claim 4~~ Claim 1, wherein the hollow cavity extends over an entire length of the rockbolt main body.

6. 7. (Previously Presented) The steel pipe rockbolt as claimed in Claim 1, wherein the passageway has a constant diameter.